

(Mus. Holm.) Several specimens dredged at Mauritius, Torres Strait, Gulf of Siam, Fiji Islands, Singapore, Java, and Port Natal. The colour is somewhat variable in the different individuals. In that from Mauritius, which has a length of 170 mm., the dorsal surface is cinereous, with almost black transverse bands corresponding to transverse furrows, and with a few small whitish bands or spots; the ventral surface is yellowish-white, and the papillæ are surrounded by a small dark circle. The specimen obtained at the Fiji Islands has the back much paler and punctated, provided with a few larger darker spots, but devoid of the blackish transverse bands. The specimens from Java and Singapore also possess such transverse bands, but in the latter the bands are whitish, with black outlines. Anus not very distinctly stellate. Mouth surrounded by a brim-like circle of papillæ. All the ambulacral appendages are papillæ, not pedicels as Selenka says; the ventral are sometimes slightly larger than the dorsal. The internal organisation agrees with that described by Selenka. The solid tables have the spire built up of four rods and one transverse beam, and terminating in sixteen to twenty-five teeth, or even more. The disks of the tables are mostly well-developed, smooth on the margin, and pierced by a larger central hole and a peripheral circle of small ones. The buttons vary slightly in shape, but are mostly oval with six holes; they are seldom or never entirely smooth, but more or less distinctly provided with knobs. I often found only two knobs placed on the middle beam, but not unfrequently knobs, or at least rounded elevations may be met with on the periphery. Here and there more delicately constructed buttons, provided with more prominent and numerous knobs, are to be observed. The papillæ are supported by a very rudimentary terminal plate, by transverse rods enlarged and perforated at the middle and at each end, and by larger and longer almost completely smooth buttons, often with more than six holes.

*Holothuria aculeata*, Semper, 1868.

*Habitat.*—Philippine Islands (Semper).

The deposits of this species seem to be scarcely distinguishable from those in the preceding one, with which it must be nearly allied. Possibly the buttons are of a more irregular shape and have the margin more obviously undulated. Semper figures six knobs on these buttons. Besides, this species is in possession of five indistinct groups of papillæ round the anus. A re-examination is necessary.

*Holothuria fusco-punctata*, Jæger, 1833; Semper, 1868.

The tables like those in the preceding form, excepting that the disks are reduced to a simple ring with some small irregular processes. The buttons are slightly irregular, oblong, with an undulated margin; they have numerous knobs and about twelve holes.